



HONOLULU AUTHORITY for RAPID TRANSPORTATION

Construction and Traffic Update

May 12, 2016

H O N O L U L U R A I L T R A N S I T P R O J E C T

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HONOLULU AUTHORITY for RAPID TRANSPORTATION

Project Map

20 Miles – 21 Stations



Rail Operations Center (ROC)



Physical Construction Completion	98%
Contract Billed to Date	94%
Contract Billing Planned Per Schedule	99%

- ROC construction currently tracking to the planned Substantial Completion date of May 2016 pending fire detection acceptance.

West Oahu Farrington Highway (WOFH)

Construction Completion 80.5%*

Contract Billed to Date 85.1%

Contract Billing Planned Per Schedule 93.1%

Contract Substantial Completion: July 2016

Projected Completion:

- Guideway Structure, Track and Roadway Civil – July 2016
- LCC Station At-grade Section – December 2016
- Traffic Signal work proceeding – November 2016

***Construction Completion percentage reflects incorporation of Third Rail work.**



West Oahu Stations

Construction Completion 3%

Contract Billed to Date 0%

Contract Billing Planned Per Schedule 0%

- Feb 29, 2016, Contractor mobilized, set up field office at UH West Oahu and began building formwork.
- Contractor mobilizing at Ho'opili Station week of May 2, 2016 to start civil work - surveying, grading and grubbing.
- Contractor resubmitted their baseline schedule and HART is providing comments..
- Preconstruction and Pre-Activity continues for East Kapolei.
- Construction coordination continues with interfacing contractors.



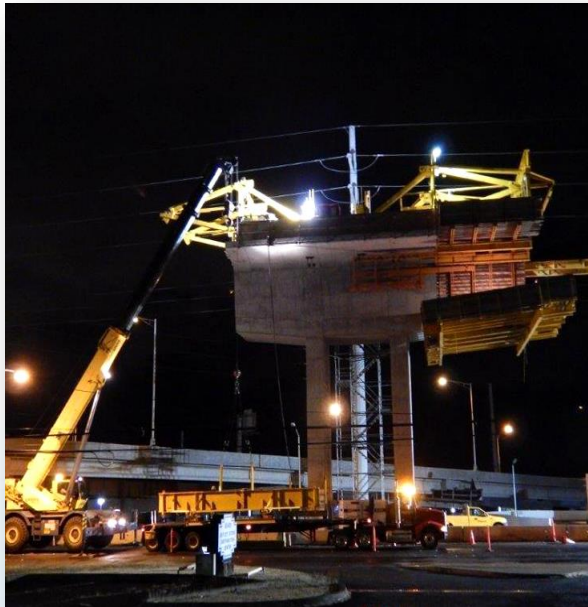
Farrington Highway Stations

Construction Completion	2%
Contract Billed to Date	0%
Contract Billing Planned Per Schedule	15%

- Contractor received approval of Environmental Compliance Plan on 3/25/16 allowing construction to commence.
- Steel reinforcement work ongoing at West Loch for drilled shafts.
- Access to LCC still problematic.



Kamehameha Highway Guideway (KHG)



Physical Construction Completion 47.8%
Contract Billed to Date 57.3%
Contract Billing Planned Per Schedule 96.9%

Contract Substantial Completion:
September 2016

Projected Completion

- Guideway Structure and Track – April 2017
- Roadway Civil – September 2017



H2R2 Ramp

Construction Completion	30%
Contract Billed to Date	9.8%
Contract Billing Planned Per Schedule	99%

- 30 " CMP jacketing solution under review by HDOT and HART (includes utility and pipe condition).
- Mass excavation, embankment operations and soils export work continuing.
- Settlement gauges in place and being monitored. Surcharge fill in 80% complete.



Kamehameha Highway Stations Group (KHSKG)

Construction Completion 0%

Contract Billed to Date 0%

Contract Billing Planned Per Schedule 0%

- *Administrative NTP issued April 1, 2016. Coordination with interfacing contractors underway.*
- *Construction NTP expected on May 26 2014*
- *Anticipated construction start is July 2016*



Moving Forward: The Next 10 Miles



Airport Advanced Utilities

Physical Construction Completion 53%

Contract Billed to Date 46%

- *Airport Section Utility Construction currently is tracking 2 months behind the planned Substantial Completion date based upon the contractors recent unapproved schedule update.*



Moving Forward: The Next 10 Miles

Airport Guideway and Stations D/B Contract

- Technical Proposals and Bids – received and under evaluation
- Anticipated Award – July 2016
- Anticipated NTP – September 2016



City Center Guideway and Stations D/B Contract

- Technical Proposals and Bids – due October 2016
- Anticipated Award – January 2017
- Anticipated NTP – March 2017

Traffic Update



HONOLULU RAIL TRANSIT PROJECT

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Farrington Highway in Waipahu



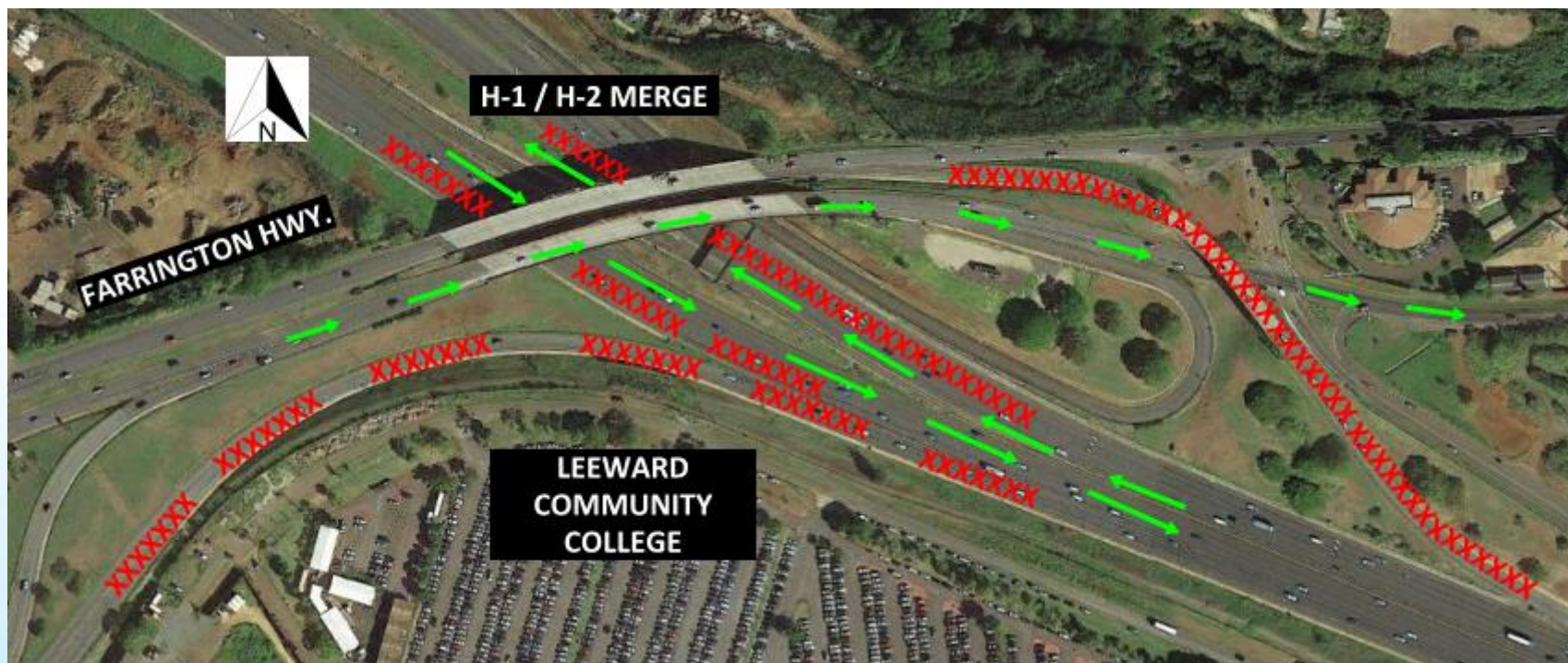
- Various daytime and nighttime closures between Leokane Street and Aniani Place for road restoration work

Farrington Highway in Waipahu



- Nightly westbound lanes closed between Mokuola and Waipahu Depot Streets for utility work

Farrington Highway in Waipahu



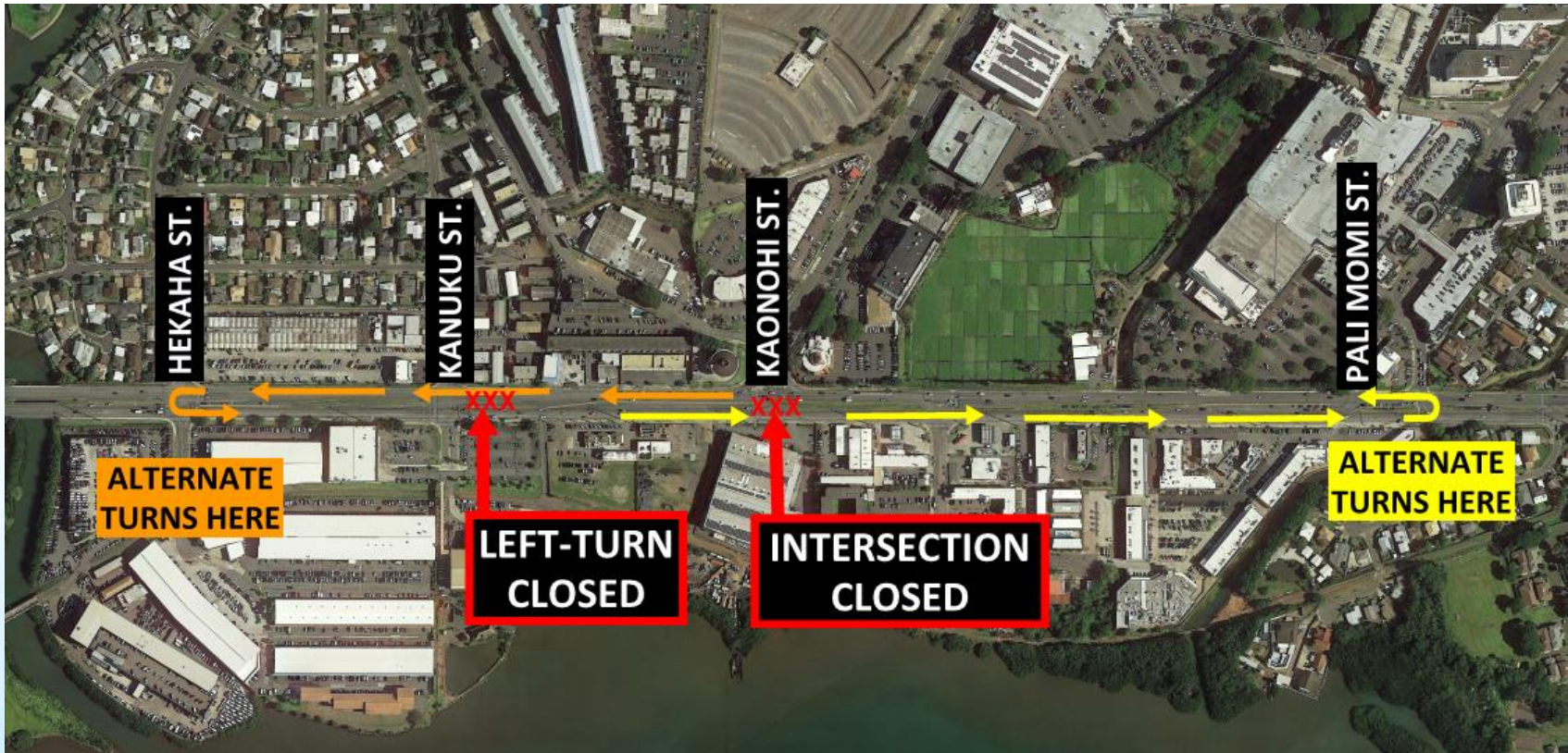
- Standard nightly closures at the H-1/H-2 merge

Kamehameha Highway in Pearl City



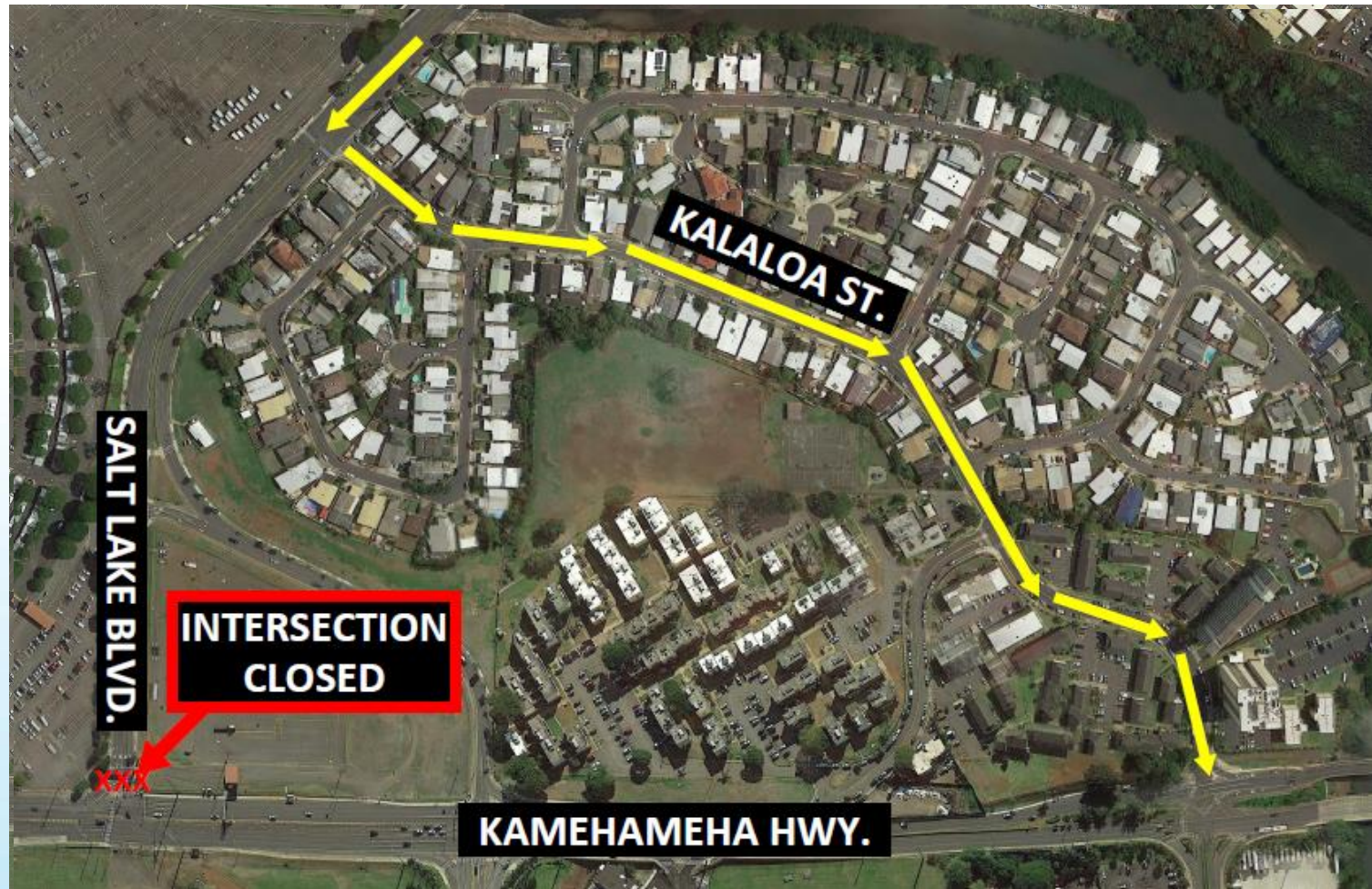
- Eastbound and westbound inside lanes closed between Puu Poni Street and Kuleana Road for equipment installation
- All lanes will be open during peak travel times depending on direction

Kamehameha Highway in Pearl City



- Intersection closure at Kaonohi Street for segment installation

Kamehameha Highway in Pearl City



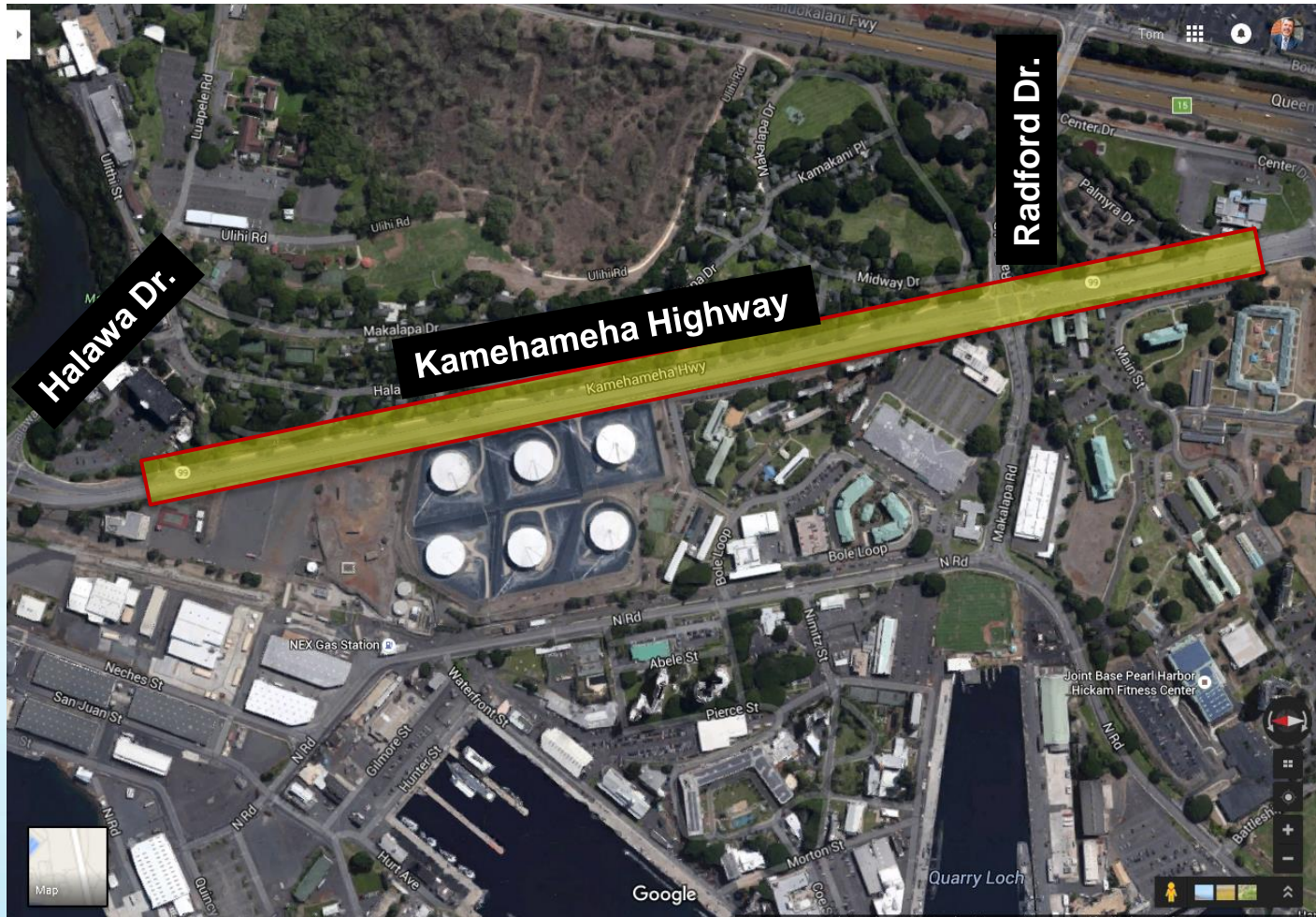
- Nightly Salt Lake Boulevard intersection closures for segment installation

Kamehameha Highway in Pearl City



- Standard nightly closures on westbound H1 in Pearl City

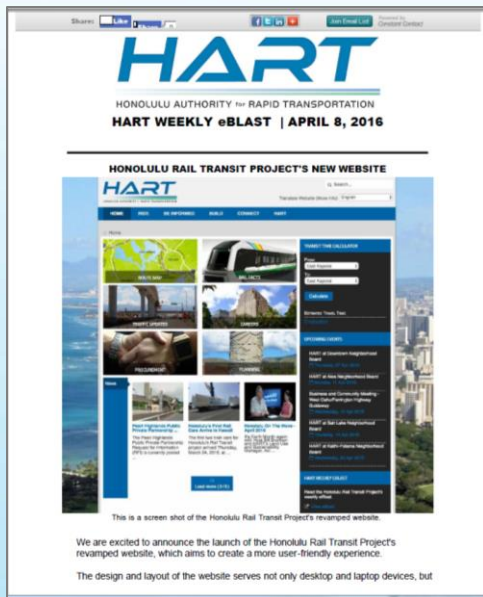
Kamehameha Highway



- Various daytime lane closures for utility relocation work

Stay Connected

- Monthly HART Facts Ad
- Public Access Television Program
- Weekly e-Blast
- Weekly Traffic Advisories
- Website and Social Media



PROJECT REVENUE STATUS As of February 1, 2016			
	Projections to Date ¹	Collected or Committed to Date	Percentage (of Projections)
REVENUE SOURCE:	(in millions)	(in millions)	
Project Beginning Cash Balance (Dec. 2009)	\$ 298	\$ 298	100%
General Excise Tax (GET) Surcharge ²	3,291	1,259	38%
Federal New Starts Funds	1,550	1,856	68%
Other Federal Transportation Funds	214	4	2%
Interest Income	2	9	
TOTAL	\$5,355	\$2,626	49%
1 - Projections to date from the June 2012 Financial Plan. 2 - Total GET surcharge revenue collected since January 1, 2007, is \$1.59 billion (includes \$378 million collected before December 2009).			
PROJECT COST STATUS As of February 1, 2016			
	Current Budget ¹	Amount Committed ²	Amount Expended ³
	(in millions)	(in millions)	(in millions)
Guideway & Track Elements	\$1,159	\$ 550	\$ 292
Stations, Stops, Terminals, Intermodal	419	302	5
Support Facilities; Yards, Shops, Admin	115	115	92
Sitework & Special Conditions	1,007	730	569
Systems	249	234	40
Vehicles	191	191	36
SUB-TOTAL*	\$3,140	\$2,122	\$1,033
Right-of-Way (ROW), Land, Existing Improvements	\$ 198	\$ 104	\$ 100
Professional Services (e.g., Planning and Design)	1,123	1,049	787
Contingency	487	7	1
Finance Charges	215	0	0
SUB-TOTAL*	\$2,024	\$1,160	\$ 888
TOTAL*	\$5,164	\$3,282	\$1,921
1 - Current Budget reflects the June 2012 Baseline Budget with executed Budget Transfers. 2 - Approved contract value. 3 - Portion of the work that has been paid. * All costs are rounded to the millions therefore subtotals may not add up to the amounts shown.			

DID YOU KNOW? HART has ordered a fleet of 80 rail cars.

HART Rapid Response:

- 24-Hour Project Hotline number 808-566-2299
- Email Inquiries: info@HonoluluTransit.org
- Website Inquiries

Mahalo!



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